

October 16, 2006

TO: Science Advisory Board Members

FROM: Dawn Hooper, Toxics Cleanup Program

SUBJECT: Materials for the October 23, 2006, Science Advisory Board (SAB) Meeting

Attached are draft agenda and discussion materials for the October 23 MTCA SAB meeting. Here is a reminder of the meeting logistics. Please note that the meeting location has changed:

October 23, 2006 (Monday)
9:00 am – 4:00 pm
Center for Urban Horticulture
NHS Room A
3501 NE 41st Street
Seattle, WA

At this meeting, we plan to discuss the following two topics:

- **MTCA Rule Revision – Use of the TEFs for Dioxin and PAHs:** The Department has begun a rulemaking process to amend the Model Toxics Control Act (MTCA) Cleanup Regulation (Chapter 173-340 WAC). This rulemaking will clarify the policies and procedures for establishing cleanup levels for mixtures of polychlorinated dibenzo-p-dioxins/ polychlorinated dibenzofurans, polycyclic aromatic hydrocarbons (PAHs) and polychlorinated biphenyls (PCBs).
- **Science Advisory Board Review:** The Department is requesting that the SAB review the background materials and provide advice and opinions on whether Ecology's proposal is consistent with current scientific information. At the September meeting Ecology provided a list of questions that the Board would be asked to consider. The questions have been revised based on your comments. Please be prepared to respond to these questions at our meeting on Monday.
- **Information Materials to Support SAB's Review:** Ecology distributed a set of discussion materials to support the SAB's review of this issue at the September meeting. **Please review and bring these materials to the October 23rd meeting. The materials included:**

- Background Document that provides a description of the draft rule amendments, a summary of key scientific and policy issues and copies of public comments on the draft rule revisions.
 - A document “Health Risks from Dioxin and Related Compounds Evaluation of the EPA Reassessment” that was recently published by the National Research Council.
 - A recent paper “The 2005 World Health Organization Re-evaluation of Human and Mammalian Toxic Equivalency Factors for Dioxin and Dioxin-like Compounds” that was published in Toxicological Sciences.
 - Relevant sections from the document “Technical Support Document for Describing Available Cancer Potency Factors - Part II” (California EPA, 2005).
 - Technical memorandum “Arsenic and Lead Mobility in Area-wide Contamination-Impacted Soil” that was provided to Ecology by Eric Weber, L.G. and Kris Hendrickson, P.E. -- Landau & Associates
- **The October 23rd Science Advisory Board Meeting:** We have several goals for the discussion on October 23. At the September 15th meeting we provided you with some background information on this issue including an overview of the rulemaking process and summary of the technical and policy rationale for the proposed amendments. At this meeting we will provide you with the opportunity to ask us questions you might have on the project background and/or written materials. The questions have been updated and your preliminary responses noted in the enclosed document, “Science Advisory Board Review of Issues Related to Mixtures of Dioxins/Furans, Polycyclic Aromatic Hydrocarbons & Polychlorinated Biphenyls”. At this meeting we would like to hear your responses to these questions. We expect to begin a public comment period on the rule revision sometime in December.
 - **Status on Establishing Moderate Levels of Arsenic in Soils:** The SAB has discussed this issue at several meetings over the past two and one-half years. Ecology plans to conduct a review and discussion of the remaining issues related to this topic at the October meeting.

We would like to set quarterly meetings for the Board. Please bring your calendars to this meeting. We look forward to meeting with you again. If you have questions prior to the meeting, please contact Dawn Hooper (360/407-7182), Pete Kmet (360/407-7199) or Dave Bradley (360/407-6907).

Attachments